

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082721.D
 Acq On : 5 Nov 2015 11:14
 Operator : UM/IZ
 Sample : G4241-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.047	255	259	264	rVB	1703499	2391077	37.64%	4.369%
2	5.470	293	296	298	rBV	4723304	5113076	80.48%	9.342%
3	6.499	382	386	388	rBV	4857183	5689216	89.55%	10.395%
4	6.636	395	398	400	rBV	3850953	5214353	82.07%	9.527%
5	6.864	415	418	420	rBV	1085579	1087931	17.12%	1.988%
6	7.024	429	432	434	rVB	3312936	3926916	61.81%	7.175%
7	7.424	464	467	469	rBV	3357980	3381362	53.22%	6.178%
8	8.144	528	530	533	rBV	1475871	1360211	21.41%	2.485%
9	9.105	612	614	619	rBV2	67333	84991	1.34%	0.155%
10	9.230	622	625	627	rBV	6188151	6041514	95.09%	11.038%
11	9.619	656	659	661	rBV	1185528	993449	15.64%	1.815%
12	9.745	665	670	671	rBV2	33438	65906	1.04%	0.120%
13	9.802	671	675	677	rVV	59057	111127	1.75%	0.203%
14	9.905	681	684	686	rBV	1776910	1698310	26.73%	3.103%
15	10.693	749	753	755	rBV	3385369	4284444	67.44%	7.828%
16	10.819	762	764	767	rVB	84797	102642	1.62%	0.188%
17	11.265	801	803	805	rBV	79660	77846	1.23%	0.142%
18	11.379	811	813	816	rVB	1769604	1699585	26.75%	3.105%
19	11.916	857	860	868	rBV3	282938	446038	7.02%	0.815%
20	12.705	926	929	936	rBV	164348	221137	3.48%	0.404%
21	12.808	936	938	940	rBV	126738	132848	2.09%	0.243%
22	12.979	950	953	955	rVB	5289694	6353201	100.00%	11.608%
23	13.505	998	999	1002	rBV2	83195	120876	1.90%	0.221%
24	13.882	1029	1032	1042	rBV	393499	514184	8.09%	0.939%
25	14.019	1042	1044	1047	rBV	1308214	1821936	28.68%	3.329%
26	14.534	1087	1089	1096	rBV	46840	70623	1.11%	0.129%
27	14.922	1120	1123	1125	rBV	200478	237637	3.74%	0.434%
28	15.482	1169	1172	1175	rBV	1024645	1490496	23.46%	2.723%

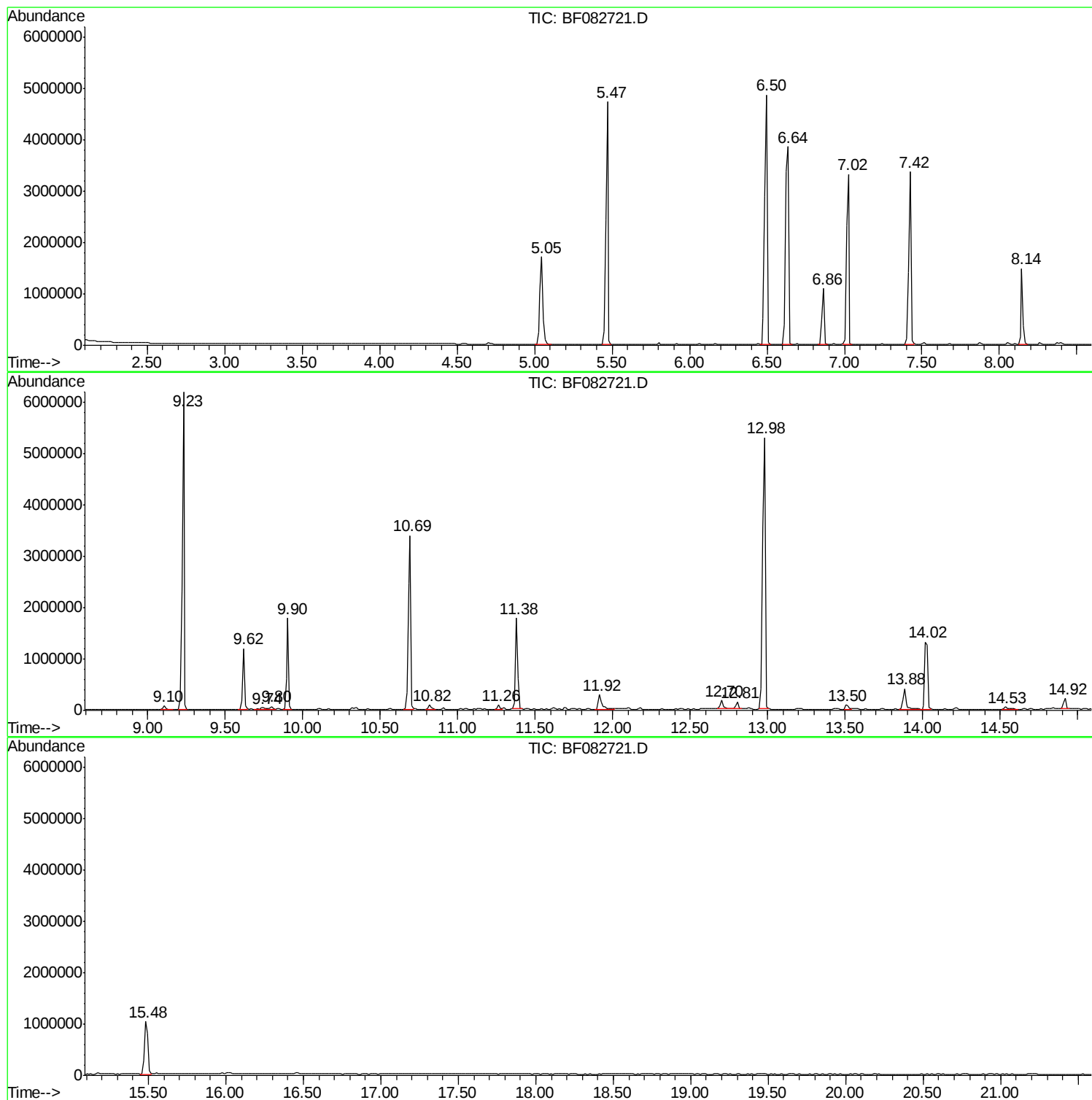
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-09(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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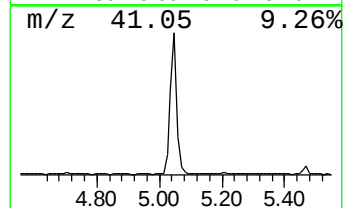
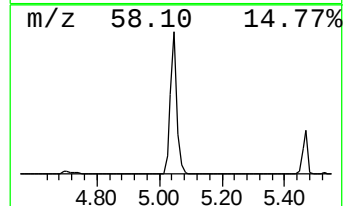
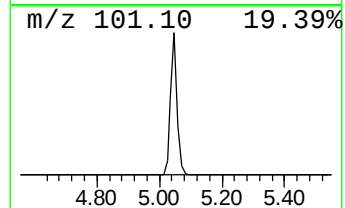
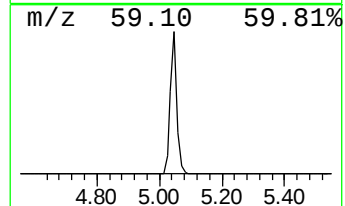
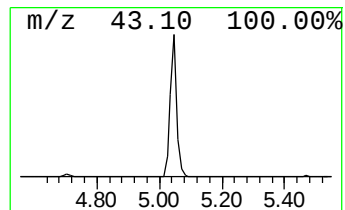
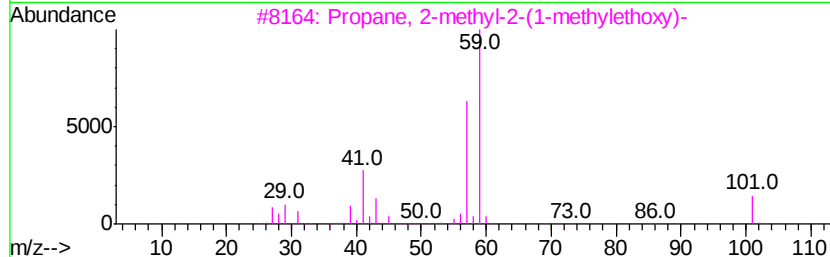
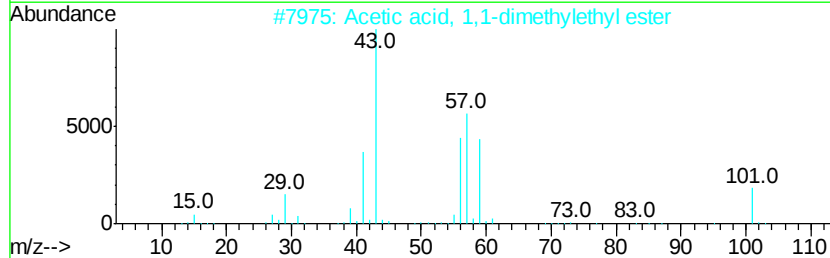
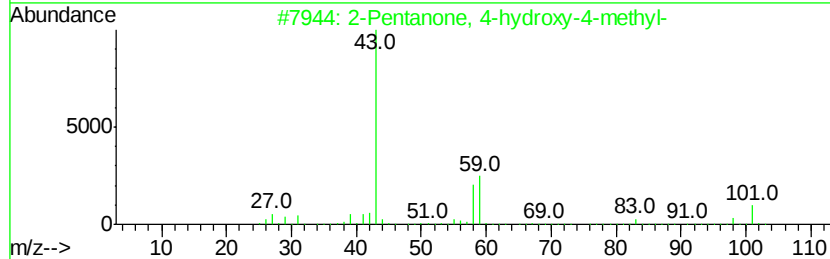
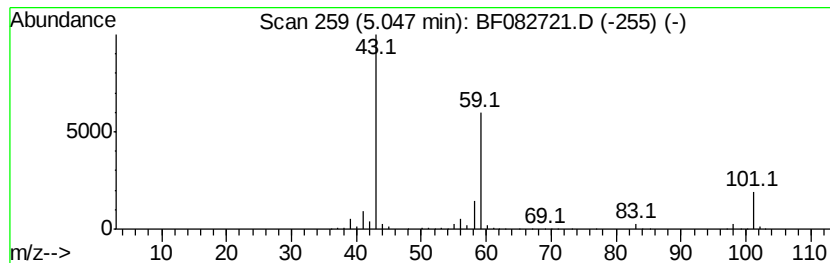
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	43.96 ng	2391080	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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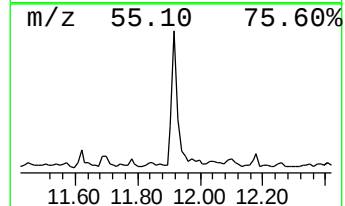
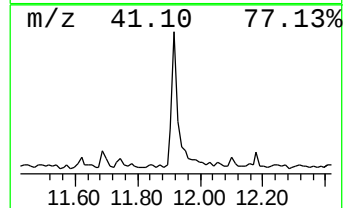
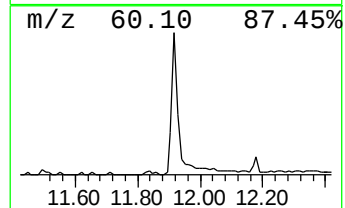
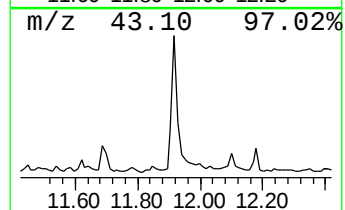
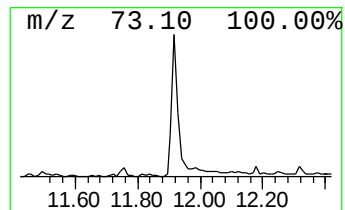
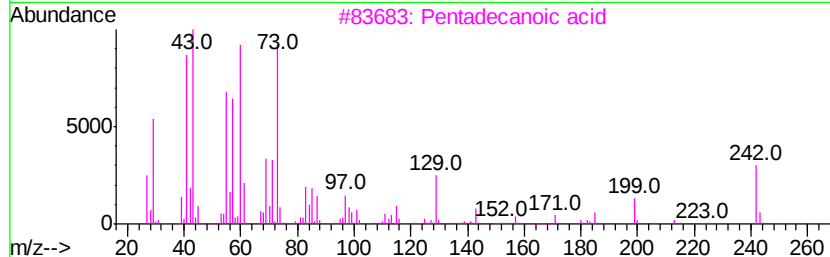
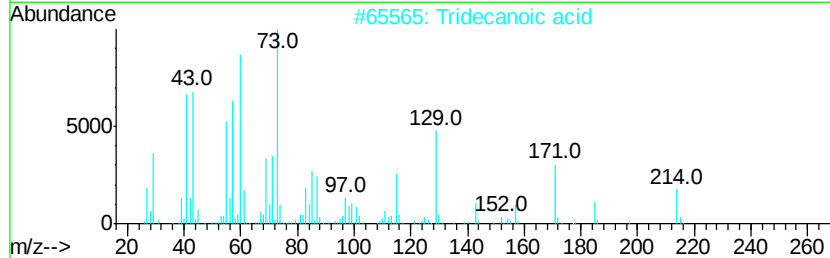
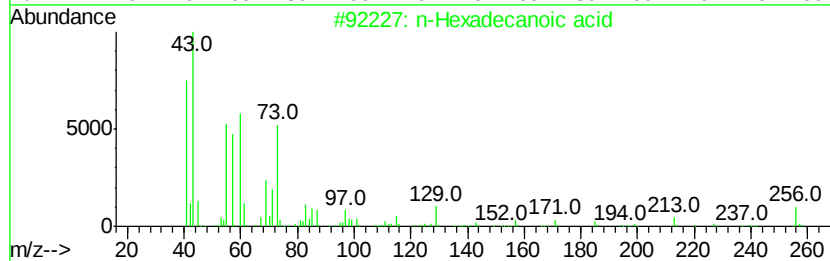
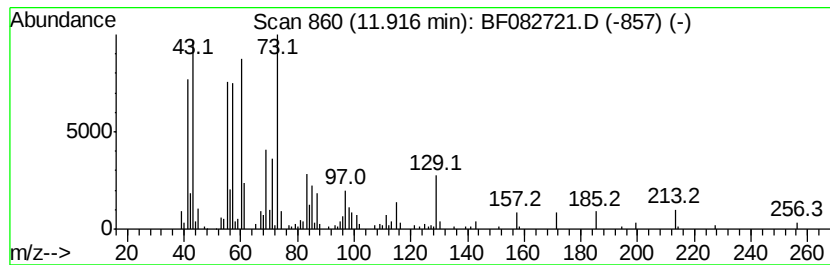
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.25 ng	446038	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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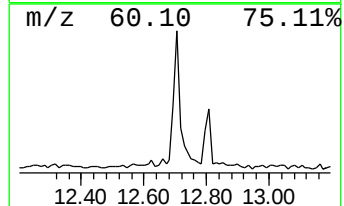
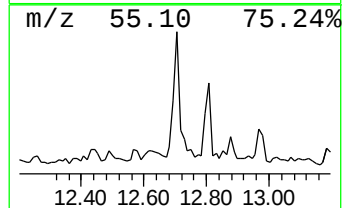
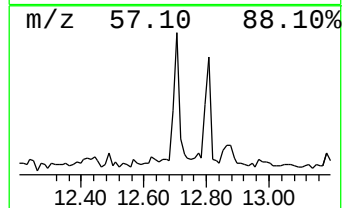
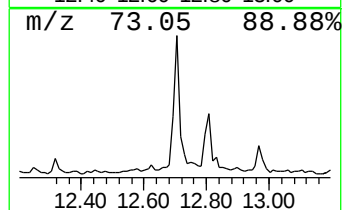
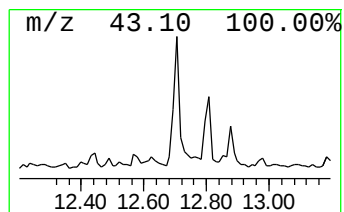
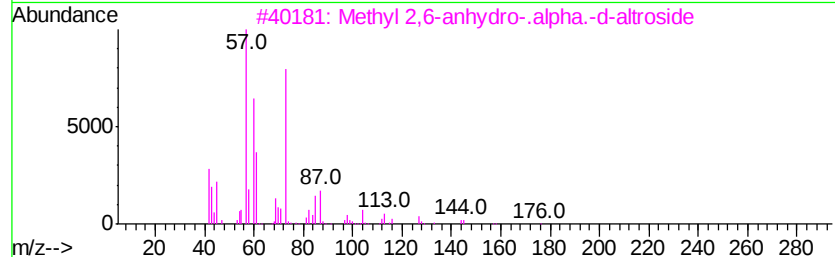
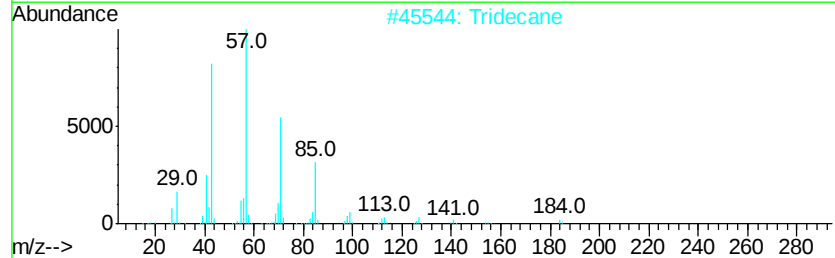
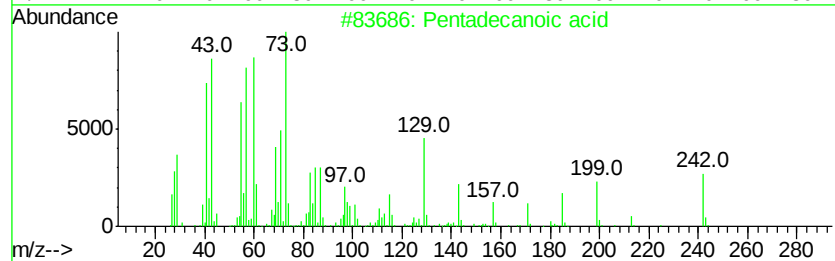
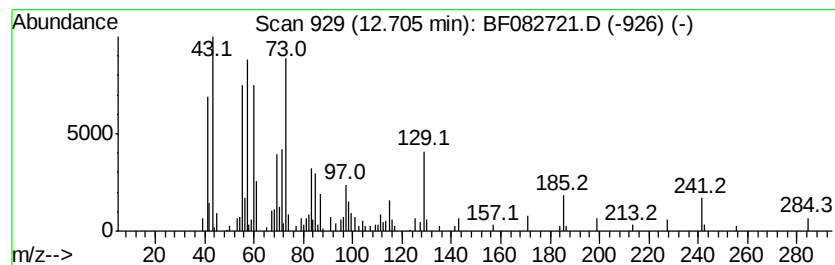
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.43 ng	221137	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		Tridecane	184	C13H28	000629-50-5	25
3		Methyl 2,6-anhydro-.alpha.-D-alt...	176	C7H12O5	1000130-02-0	22
4		Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	15
5		Eicosane	282	C20H42	000112-95-8	11



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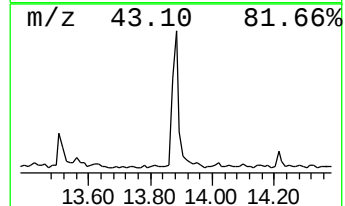
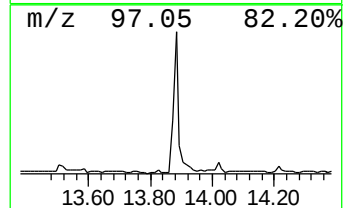
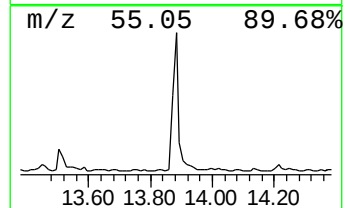
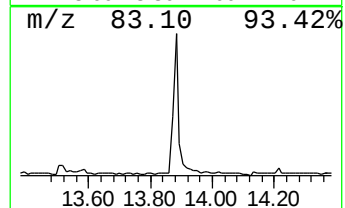
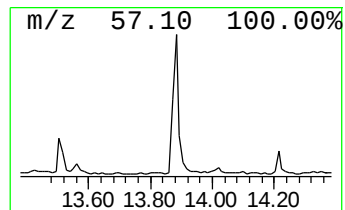
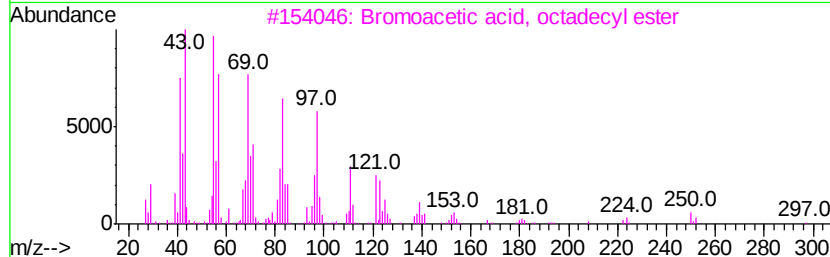
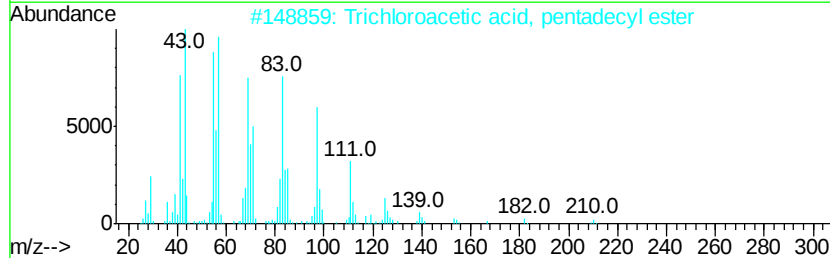
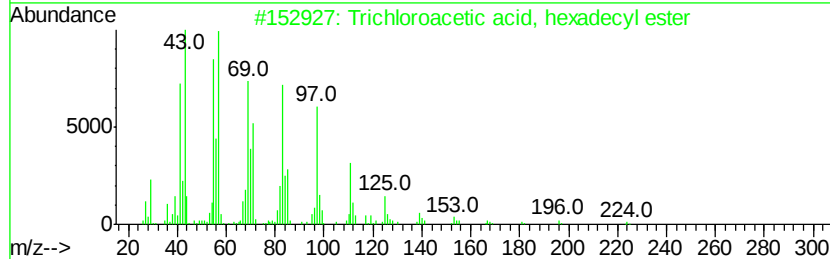
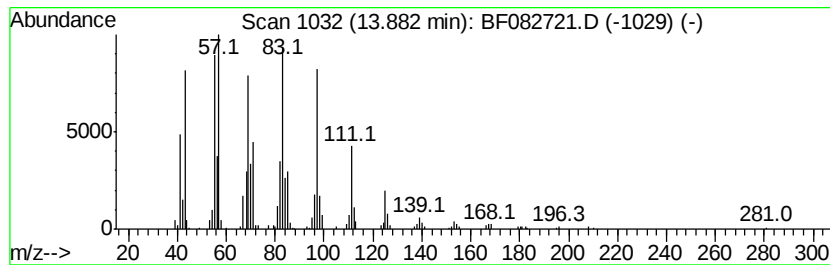
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	5.64 ng	514184	Chrysene-d12	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5			1-Hexadecanol	242	C16H34O	036653-82-4	90



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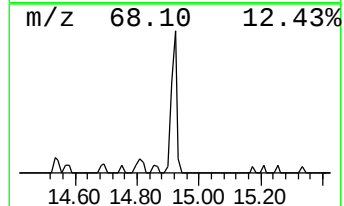
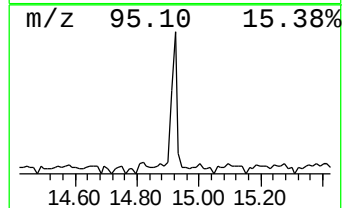
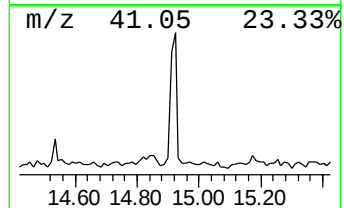
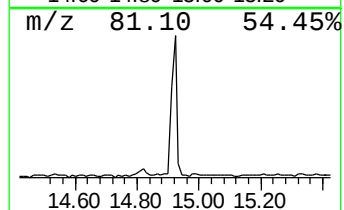
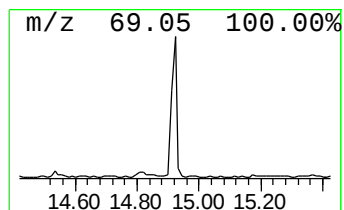
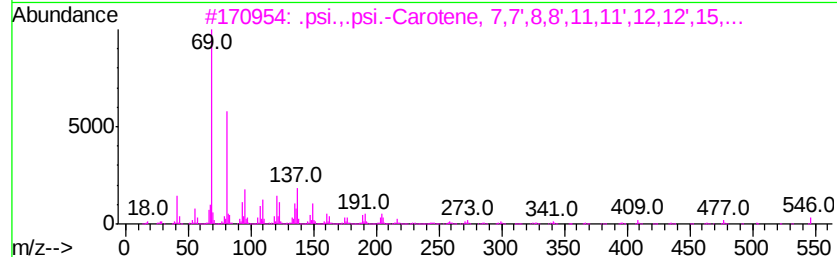
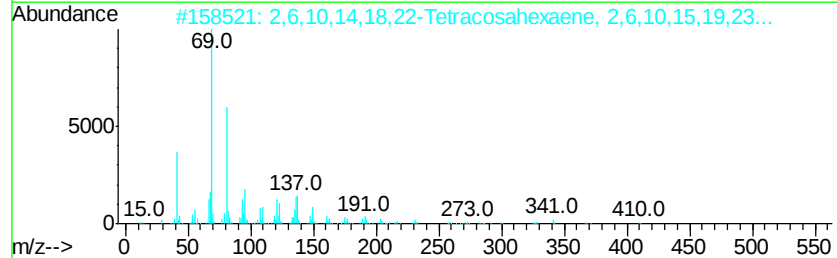
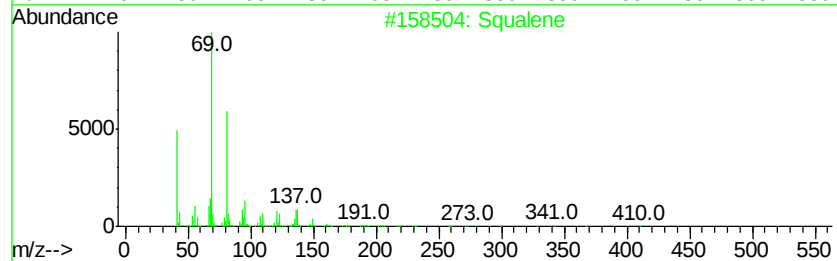
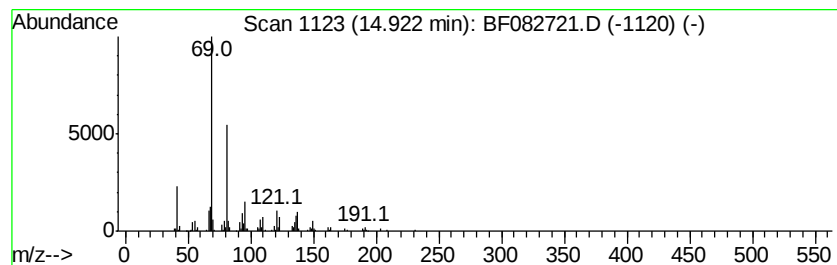
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Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.19 ng	237637	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 91
3	.psi...psi.-Carotene, 7,7',8,8',...		547 C40H66	000502-62-5 83
4	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H240	125529-10-4 72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...		222 C15H260	000106-28-5 64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	44.0	ng	2391080	1	6.86	1087930	20.0
n-Hexadecanoic acid	11.92	5.3	ng	446038	4	11.38	1699590	20.0
Pentadecanoic acid	12.70	2.4	ng	221137	5	14.03	1821940	20.0
Trichloroacetic a...	13.88	5.6	ng	514184	5	14.03	1821940	20.0
Squalene	14.92	3.2	ng	237637	6	15.48	1490500	20.0